

Datasheet: 4297-4955

**BATCH NUMBER 163347**

|                      |                                  |
|----------------------|----------------------------------|
| <b>Description:</b>  | RABBIT ANTI HUMAN ERYTHROPOIETIN |
| <b>Specificity:</b>  | ERYTHROPOIETIN                   |
| <b>Other names:</b>  | EPO                              |
| <b>Format:</b>       | Purified                         |
| <b>Product Type:</b> | Polyclonal Antibody              |
| <b>Isotype:</b>      | Polyclonal IgG                   |
| <b>Quantity:</b>     | 0.1 mg                           |

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

|                            | Yes | No | Not Determined | Suggested Dilution  |
|----------------------------|-----|----|----------------|---------------------|
| Immunohistology - Paraffin | ▪   |    |                | 15 µg/ml            |
| ELISA                      | ▪   |    |                | 0.5 µg/ml - 1 µg/ml |
| Western Blotting           | ▪   |    |                | 1 µg/ml - 2 µg/ml   |
| Functional Assays          | ▪   |    |                |                     |

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

|                                       |   |
|---------------------------------------|---|
| <b>Target Species</b>                 | Human   |
| <b>Product Form</b>                   | Purified IgG - liquid   |
| <b>Preparation</b>                    | Purified IgG prepared by affinity chromatography on Protein A |
| <b>Buffer Solution</b>                | Phosphate buffered saline                                     |
| <b>Preservative Stabilisers</b>       | <5% Trehalose   |
| <b>Approx. Protein Concentrations</b> | 1.0 mg/ml   |
| <b>Immunogen</b>                      | CHO cell-derived, recombinant human erythropoietin.           |

|                                      |   |
|--------------------------------------|---|
| <b>External Database Links</b>       | <b>UniProt:</b><br><a href="#">P01588</a> <a href="#">Related reagents</a><br><br><b>Entrez Gene:</b><br><a href="#">2056</a> EPO <a href="#">Related reagents</a>  |
| <b>RRID</b>                          | AB_2098522  |
| <b>Specificity</b>                   | <b>Rabbit anti Human erythropoietin antibody</b> reacts with erythropoietin, the principal hormone involved in the regulation of erythrocyte differentiation and the maintenance of a physiological levels of circulating erythrocyte mass. It is often used as a drug to treat anemia.   |
| <b>References</b>                    | 1. Kessler, S.W. (1975) Rapid isolation of antigens from cells with a staphylococcal protein A-antibody adsorbent: parameters of the interaction of antibody-antigen complexes with protein A. <a href="#">J Immunol. 115 (6): 1617-24.</a><br>2. Krystal, G. (1983) A simple microassay for erythropoietin based on 3H-thymidine incorporation into spleen cells from phenylhydrazine treated mice. <a href="#">Exp Hematol. 11 (7): 649-60.</a> |
| <b>Storage</b>                       | Store at -20°C only.<br>Storage in frost-free freezers is not recommended.<br>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.  |
| <b>Guarantee</b>                     | 12 months from date of despatch   |
| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10121 available at:<br><a href="https://www.bio-rad-antibodies.com/SDS/4297-4955">https://www.bio-rad-antibodies.com/SDS/4297-4955</a><br>10121  |
| <b>Regulatory</b>                    | For research purposes only  |

## Related Products

### Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...)    [FITC](#)
- Sheep Anti Rabbit IgG (STAR35...)    [RPE](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (STAR36...)    [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

### Recommended Useful Reagents

- [ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)
- [TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

**North & South** Tel: +1 800 265 7376

**Worldwide** Tel: +44 (0)1865 852 700

**Europe** Tel: +49 (0) 89 8090 95 21

**America** Fax: +1 919 878 3751

Fax: +44 (0)1865 852 739

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

'M373071:200819'

**Printed on 18 Jan 2024**

---

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)